

## HIGH DENSITY INTEGRATED OPTICAL CHIP

### Abstract of the Disclosure

A high density integrated optical chip. The optical chip features an optical function connected to a low minimum bending radius dielectric waveguide, and a large mode field size dielectric waveguide to interface with an external optical device, such as an optical fiber. The large mode field size dielectric waveguide is optically connected to the low minimum bending radius dielectric waveguide on the optical chip.

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